

challenged with 10^5 CT26.CL25 tumor cells to establish pulmonary metastases. The mice were primed with various vectors 3 days post-intravenous challenge and then boosted with same amount and array of vectors 17 days after tumor inoculation. **Fig. 1A** – data of mice primed with no immunogen (None) and later boosted by either no immunogen, 10^7 PFU of rVV expressing β -gal (VJS6), 10^7 PFU of rFPV expressing β -gal (rFPV) or 10 μ g of pCMV/ β -gal (DNA). **Fig. 1B** – data of mice primed with VJS6 and later boosted by either no immunogen, VJS6, rFPV or DNA. **Fig. 1C** – data of mice primed with rFPV and later boosted by either no immunogen, VJS6, rFPV or DNA. **Fig. 1D** – data of mice primed with DNA and later boosted by either no immunogen, VJS6, rFPV or DNA. **Fig. 1E** – data of mice primed with no immunogen, VJS6, rFPV or DNA and then boosted with DNA. The no treatment group (None – None) is shown in all graphs of **Fig. 1** as a control group.

IN THE CLAIMS:

Please cancel claims 9-20 without prejudice to reinstate.

Please amend claims 1-8 to read as follows:

1. (Thrice Amended) A method for inducing an immune response against at least one antigen of an infectious disease, an autoimmune disease, a viral infection, a bacterial infection, a fungal infection, a cancer, or a foreign peptide fragment in a mammal, which method comprises:

- (i) inoculating the mammal with a first recombinant vector comprising a nucleic acid insert encoding at least one antigen of the infectious disease, autoimmune disease, viral infection, bacterial infection, fungal infection, cancer or foreign peptide fragment against which an immune response is to be induced; and
- (ii) inoculating the mammal with a second recombinant vector comprising a nucleic acid insert encoding at least one antigen of the infectious disease, autoimmune disease, viral infection, bacterial infection, fungal infection, cancer or foreign peptide fragment against which an immune response is to be induced, wherein the second DNA vector is different from the first DNA vector and wherein at least one antigen encoded by the insert of the first